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CERTIFICATE OF TRANSLATION

As a below named translator, I hereby declare that my residence and citizenship are as stated below next to my name and I hereby certify that I am conversant with both the English and Korean languages and the document enclosed herewith is a true English translation of the Priority Document with respect to the Korean patent application No. 2001-11368 filed on March 6, 2001

NAME OF THE TRANSLATOR: Hyang-Suk KO

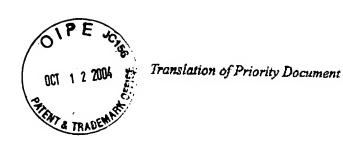
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THE KOREAN INTELLECTUAL PROPERTY OFFICE

This is to certify that annexed hereto is a true copy from the records of the Korean Industrial property Office of the following application as filed

Application Number :

Patent Application No. 2001-11368

Date of Application :

March 6, 2001

Applicant(s)

Samsung Electronics Co., Ltd.

August 9, 2001

COMMISSIONER